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7 **Attachment A**

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9 **Ecological Survey Results for Summer 2002**

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Attachment A

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Ecological Survey Results for Summer 2002

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6 In this attachment, table titles consist of surveyed areas and descriptors of plant community that occur
7 within each area surveyed. Surveyed areas include Area C, the stockpile and conveyance road area, the
8 area for the New Waste Processing Facility, the CWC expansion area, and the W-5 Expansion Area.
9 Note that the plant community descriptors listed for Area C are based on the results of this survey (not the
10 pre-fire plant community designations noted in Appendix I).

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Borrow Area C -- Cheatgrass/Needle-and-Thread Grass/Indian Ricegrass

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Common Name	Scientific Name	Cover (%) ^(a)	Federal Status	State Status
Animals				
coyote	<i>Canis latrans</i>			
elk	<i>Cervus elaphus</i>			
horned lark	<i>Eremophila alpestris</i>			
Northern pocket gopher	<i>Thomomys talpoides</i>			
short-eared owl	<i>Asio flammeus</i>			
side-blotched lizard	<i>Uta stansburiana</i>			
Western meadowlark	<i>Sturnella neglecta</i>			
Plants				
bastard toadflax	<i>Comandra umbellata</i>	b		
buckwheat milkvetch	<i>Astragalus caricinus</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
Carey's balsamroot	<i>Balsamorhiza careyana</i>			
cheatgrass	<i>Bromus tectorum</i>	50		
Cusick's sunflower	<i>Helianthus cusickii</i>			
cutleaf ladysfoot mustard	<i>Thelypodium laciniatum</i>			
desert mat	<i>Tiquilia nuttallii</i>			
dune seurfpea	<i>Psoralea lanceolata</i>			
fiddleneck	<i>Amsinckia lycosoides</i>			
Franklin's sandwort	<i>Arenaria franklinii</i>			
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>			
hoary falseyarrow	<i>Chaenactis douglasii</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>	10		
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
lamb's quarters	<i>Chenopodium album</i>			
longleaf phlox	<i>Phlox longifolia</i>			
low lupine	<i>Lupinus pusillus</i>			
matted cryptantha	<i>Cryptantha circumscissa</i>			

Borrow Area C -- Cheatgrass/Needle-and-Thread Grass/Indian Ricegrass (contd)

Common Name	Scientific Name	Cover (%) ^(a)	Federal Status	State Status
needle-and-thread grass	<i>Stipa comata</i>	15		
Nuttall's coldenia	<i>Coldenia nutallii</i>			
pale evening primrose	<i>Oenothera pallida</i>	5		
pine bluegrass	<i>Poa scabrella</i>			
prairie Junegrass	<i>Koeleria cristata</i>			
prickly lettuce	<i>Lactuca serriola</i>			
purple mat	<i>Nama densum</i> var. <i>parviflorum</i>			R1 ^(c)
rough wallflower	<i>Erysimum asperum</i>			
Russian thistle	<i>Salsola kali</i>			
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
sand beardtongue	<i>Penstemon acuminatus</i>	5		
Sandberg's bluegrass	<i>Poa sandbergii</i>			
shy gilia	<i>Gilia sinuata</i>			
slender hawksbeard	<i>Crepis atrabarba</i>			
stalked-pod milkvetch	<i>Astragalus sclerocarpus</i>			W ^(d)
starvation pricklypear	<i>Opuntia polyacantha</i>			
turpentine springparsley	<i>Cymopterus terebinthinus</i>	+ ^(e)		
white sand verbena	<i>Abronia millefolium</i>			
whiteleaf scorpionweed	<i>Phacelia hastata</i>			
winged dock	<i>Rumex venosus</i>			
yarrow	<i>Achillea millefolium</i>			
yellow salsify	<i>Tragopogon dubius</i>			

(a) Percent plant cover was visually estimated.

(b) Blank cells indicate percent cover less than a trace (+).

(c) R1 = Review Group 1 = plant taxon of potential concern that is in need of additional field work before a status can be assigned (WNHP 2002).

(d) W = Watch List = plant taxon that is of concern, but is considered to be more abundant and/or less threatened in Washington than previously assumed (WNHP 2002).

(e) + = Trace.

Borrow Area C -- Needle-and-Thread Grass/Cheatgrass

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
Northern pocket gopher	<i>Thomomys talpoides</i>			
Plants				
buckwheat milkvetch	<i>Astragalus caricinus</i>			
bulbous bluegrass	<i>Poa bulbosa</i>	1		
bur ragweed	<i>Ambrosia acanthicarpa</i>			
cheatgrass	<i>Bromus tectorum</i>	20		
crested wheatgrass	<i>Agropyron cristatum</i>	5		
crouching milkvetch	<i>Astragalus succumbens</i>			W
fiddleneck	<i>Amsinckia lycopsoides</i>			
hoary aster	<i>Machaeranthera canescens</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>			
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
longleaf phlox	<i>Phlox longifolia</i>			
needle-and-thread grass	<i>Stipa comata</i>	20		
prickly lettuce	<i>Lactuca serriola</i>			
Russian thistle	<i>Salsola kali</i>	5		
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>			
slimleaf goosefoot	<i>Chenopodium leptophyllum</i>			
yellow salsify	<i>Tragopogon dubius</i>			

Borrow Area C -- Sandberg's Bluegrass/Cheatgrass

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
coyote	<i>Canis latrans</i>			
side-blotched lizard	<i>Uta stansburiana</i>			
Plants				
bluebunch wheatgrass	<i>Agropyron spicatum</i>			
bottlebrush grass	<i>Sitanion hystrix</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
Carey's balsamroot	<i>Balsamorhiza careyana</i>			
cheatgrass	<i>Bromus tectorum</i>	10		
fiddleneck	<i>Amsinckia lycopsoides</i>			
gray rabbitbrush	<i>Chrysothamnus nauseosus</i>	+		
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>			
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
pale evening primrose	<i>Oenothera pallida</i>			
prickly lettuce	<i>Lactuca serriola</i>			
rock buckwheat	<i>Eriogonum sphaerocephalum</i>			
Russian thistle	<i>Salsola kali</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>	40		
slender hawksbeard	<i>Crepis atrabarba</i>			
starvation pricklypear	<i>Opuntia polyacantha</i>			
yellow salsify	<i>Tragopogon dubius</i>			

Borrow Area C -- Cheatgrass/Indian Ricegrass/Russian Thistle

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
elk	<i>Cervus elaphus</i>			
horned lark	<i>Eremophila alpestris</i>			
side-blotched lizard	<i>Uta stansburiana</i>			
Plants				
asparagus	<i>Asparagus officinalis</i>			
big sagebrush	<i>Artemisia tridentata</i>	+		
buckwheat milkvetch	<i>Astragalus caricinus</i>			
bulbous bluegrass	<i>Poa bulbosa</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
cheatgrass	<i>Bromus tectorum</i>	20		
crested wheatgrass	<i>Agropyron cristatum</i>			
dune surfpea	<i>Psoralea lanceolata</i>			
fiddleneck	<i>Amsinckia lycopsoides</i>			
gray rabbitbrush	<i>Chrysothamnus nauseosus</i>			
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>	10		
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
longleaf phlox	<i>Phlox longifolia</i>			
low lupine	<i>Lupinus pusillus</i>			
matted cryptantha	<i>Cryptantha circumscissa</i>			
needle-and-thread grass	<i>Stipa comata</i>	1		
Nuttall's coldenia	<i>Coldenia nuttallii</i>			
pale evening primrose	<i>Oenothera pallida</i>			
prairie Junegrass	<i>Koeleria cristata</i>			
prickly lettuce	<i>Lactuca serriola</i>			
Russian thistle	<i>Salsola kali</i>	10		
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>	1		
slender hawksbeard	<i>Crepis atrabarba</i>			
stalked-pod milkvetch	<i>Astragalus sclerocarpus</i>			W
stiff wirelettuce	<i>Stephanomeria paniculata</i>			
turpentine springparsley	<i>Cymopterus terebinthinus</i>			
yarrow	<i>Achillea millefolium</i>			
yellow bell	<i>Fritillaria pudica</i>			
yellow salsify	<i>Tragopogon dubius</i>			

Borrow Area C -- Cheatgrass/Sandberg's Bluegrass/Jim Hill's Tumblemustard

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
badger	<i>Taxidea taxus</i>			
coyote	<i>Canis latrans</i>			
elk	<i>Cervus elaphus</i>			
horned lark	<i>Eremophila alpestris</i>			
mule deer	<i>Odocoileus hemionus</i>			
northern pocket gopher	<i>Thomomys talpoides</i>			
side-blotched lizard	<i>Uta stansburiana</i>			
Western meadowlark	<i>Sturnella neglecta</i>			
Plants				
annual Jacob's ladder	<i>Polemonium micranthum</i>			
bastard toadflax	<i>Comandra umbellata</i>			
big sagebrush	<i>Artemisia tridentata</i>			
blue mustard	<i>Chorispora tenella</i>			
bluebunch wheatgrass	<i>Agropyron spicatum</i>			
bottlebrush grass	<i>Sitanion hystrix</i>			
buckwheat milkvetch	<i>Astragalus carnicinus</i>			
bulbous bluegrass	<i>Poa bulbosa</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
Carey's balsamroot	<i>Balsamorhiza careyana</i>			
cheatgrass	<i>Bromus tectorum</i>	55		
crested wheatgrass	<i>Agropyron cristatum</i>			
crouching milkvetch	<i>Astragalus succumbens</i>			W
Cusick's sunflower	<i>Helianthus cusickii</i>			
cutleaf ladysfoot mustard	<i>Thelypodium laciniatum</i>			
desert mat	<i>Tiquilia nuttallii</i>			
dune surfpEA	<i>Psoralea lanceolata</i>			
fiddleneck	<i>Amsinckia lycopsoides</i>			
giant wildrye	<i>Elymus cinereus</i>			
gray rabbitbrush	<i>Chrysothamnus nauseosus</i>			
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>			
hoary falseyarrow	<i>Chaenactis douglasii</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>	+		
jagged chickweed	<i>Holosteum umbellatum</i>			
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>	10		
lamb's quarters	<i>Chenopodium album</i>			
longleaf phlox	<i>Phlox longifolia</i>			
low lupine	<i>Lupinus pusillus</i>			

Borrow Area C -- Cheatgrass/Sandberg's Bluegrass/Jim Hill's Tumblemustard (contd)

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
matted cryptantha	<i>Cryptantha circumscissa</i>			
Munro's globemallow	<i>Sphaeralcea munroana</i>			
needle-and-thread grass	<i>Stipa comata</i>			
Nuttall's coldenia	<i>Coldenia nutallii</i>			
pale evening primrose	<i>Oenothera pallida</i>			
prairie Junegrass	<i>Koeleria cristata</i>			
prickly lettuce	<i>Lactuca serriola</i>			
purple mat	<i>Nama densum</i>			R1
rough wallflower	<i>Erysimum asperum</i>			
rush skeletonweed	<i>Chondrilla juncea</i>			
Russian thistle	<i>Salsola kali</i>			
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
sand beardtongue	<i>Penstemon acuminatus</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>	15		
shaggy fleabane	<i>Erigeron pumilis</i>			
shy gilia	<i>Gilia sinuata</i>			
slender hawksbeard	<i>Crepis atrabarba</i>			
slimleaf goosefoot	<i>Chenopodium leptophyllum</i>			
spiny hopsage	<i>Grayia spinosa</i>			

Borrow Area C -- Cheatgrass

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
coyote	<i>Canis latrans</i>			
elk	<i>Cervus elaphus</i>			
side-blotched lizard	<i>Uta stansburiana</i>			
Plants				
big sagebrush	<i>Artemisia tridentata</i>			
buckwheat milkvetch	<i>Astragalus caricinus</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
cheatgrass	<i>Bromus tectorum</i>	50		
crouching milkvetch	<i>Astragalus succumbens</i>			W
dune seurfpea	<i>Psoralea lanceolata</i>			
gray rabbitbrush	<i>Chrysothamnus nauseosus</i>			
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>	1		
Indian ricegrass	<i>Oryzopsis hymenoides</i>	1		
jagged chickweed	<i>Holosteum umbellatum</i>			
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
lamb's quarters	<i>Chenopodium album</i>			
low lupine	<i>Lupinus pusillus</i>			
Munro's globemallow	<i>Sphaeralcea munroana</i>			
needle-and-thread grass	<i>Stipa comata</i>			
pale evening primrose	<i>Oenothera pallida</i>			
prickly lettuce	<i>Lactuca serriola</i>			
Russian thistle	<i>Salsola kali</i>			
sand beardtongue	<i>Penstemon acuminatus</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>	5		
tall willowherb	<i>Epilobium paniculatum</i>			
turpentine springparsley	<i>Cymopterus terebinthinus</i>			
white sand verbena	<i>Abronia millefolium</i>			
yarrow	<i>Achillea millefolium</i>			
yellow salsify	<i>Tragopogon dubius</i>			

Borrow Area C -- Cheatgrass/Indian Ricegrass

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Plants				
blue verbena	<i>Verbena hastata</i>			
buckwheat milkvetch	<i>Astragalus caricinus</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
cheatgrass	<i>Bromus tectorum</i>	20		
crouching milkvetch	<i>Astragalus succumbens</i>	+		W
desert mat	<i>Tiquilia nuttallii</i>			
dune surfpea	<i>Psoralea lanceolata</i>			
fiddleneck	<i>Amsinckia lycopsoides</i>			
gray rabbitbrush	<i>Chrysothamnus nauseosus</i>			
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>	10		
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
low lupine	<i>Lupinus pusillus</i>			
Munro's globemallow	<i>Sphaeralcea munroana</i>			
needle-and-thread grass	<i>Stipa comata</i>	1		
pale evening primrose	<i>Oenothera pallida</i>			
Russian thistle	<i>Salsola kali</i>	+		
sand beardtongue	<i>Penstemon acuminatus</i>			
turpentine springparsley	<i>Cymopterus terebinthinus</i>			
white sand verbena	<i>Abronia millefolium</i>			

Borrow Area C -- Gray Rabbitbrush/Cheatgrass

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
coyote	<i>Canis latrans</i>			
horned lark	<i>Eremophila alpestris</i>			
lark sparrow	<i>Chondestes grammacus</i>			
rock wren	<i>Salpinctes obsoletus</i>			
Plants				
big sagebrush	<i>Artemisia tridentata</i>	1		
blazingstar	<i>Mentzelia laevicaulis</i>	1		
bottlebrush grass	<i>Sitanion hystrix</i>			
bulbous bluegrass	<i>Poa bulbosa</i>			
cheatgrass	<i>Bromus tectorum</i>	30		
fiddleneck	<i>Amsinckia lycopsoides</i>			
gray rabbitbrush	<i>Chrysothamnus nauseosus</i>	5		
hoary aster	<i>Machaeranthera canescens</i>			
hoary falseyarrow	<i>Chaenactis douglasii</i>			
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
longleaf phlox	<i>Phlox longifolia</i>			
prickly lettuce	<i>Lactuca serriola</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>	5		
slender hawksbeard	<i>Crepis atrabarba</i>			
spiny hopsage	<i>Grayia spinosa</i>			
stalked-pod milkvetch	<i>Astragalus sclerocarpus</i>			W
threadleaf fleabane	<i>Erigeron filifolius</i>			
whitestem stickleaf	<i>Mentzelia albicaulis</i>			
yellow salsify	<i>Tragopogon dubius</i>			

Stockpile and Conveyance Road Area – Russian Thistle/Cheatgrass/Dune Scurfpea

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
black-tailed jackrabbit	<i>Lepus californicus</i>			C ^(a)
coyote	<i>Canis latrans</i>			
horned lark	<i>Eremophila alpestris</i>			
mourning dove	<i>Zenaida macroura</i>			
Western kingbird	<i>Tyrannus verticalis</i>			
Western meadowlark	<i>Sturnella neglecta</i>			
Plants				
bastard toadflax	<i>Comandra umbellata</i>			
big sagebrush	<i>Artemisia tridentata</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
Carey's balsamroot	<i>Balsamorhiza careyana</i>			
cheatgrass	<i>Bromus tectorum</i>	15		
desert mat	<i>Tiquilia nuttallii</i>			
dune scurfpea	<i>Psoralea lanceolata</i>	10		
hoary aster	<i>Machaeranthera canescens</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>	5		
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
lamb's quarters	<i>Chenopodium album</i>			
longleaf phlox	<i>Phlox longifolia</i>			
low lupine	<i>Lupinus pusillus</i>			
matted cryptantha	<i>Cryptantha circumscissa</i>			
needle-and-thread grass	<i>Stipa comata</i>	1		
oat	<i>Avena sativa</i>			
pale evening primrose	<i>Oenothera pallida</i>			
prickly lettuce	<i>Lactuca serriola</i>			
purple mat	<i>Nama densum</i>			R1
Russian thistle	<i>Salsola kali</i>	30		
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
sand beardtongue	<i>Penstemon acuminatus</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>	5		
sheep fescue	<i>Festuca ovina</i>			
slender hawksbeard	<i>Crepis atrabarba</i>			
slimleaf goosefoot	<i>Chenopodium leptophyllum</i>			
stalked-pod milkvetch	<i>Astragalus sclerocarpus</i>			W
tall willowherb	<i>Epilobium paniculatum</i>			
thickspike wheatgrass	<i>Agropyron dasystachyum</i>			
turpentine springparsley	<i>Cymopterus terebinthinus</i>			
Western tansymustard	<i>Descurainia pinnata</i>			
white sand verbena	<i>Abronia millefolium</i>			

1 **Stockpile and Conveyance Road Area – Russian Thistle/Cheatgrass/Dune Scurfpea (contd)**
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Common Name	Scientific Name	Cover (%)	Federal Status	State Status
whitestem stickleaf	<i>Mentzelia albicaulis</i>			
winged dock	<i>Rumex venosus</i>			
yarrow	<i>Achillea millefolium</i>			
yellow salsify	<i>Tragopogon dubius</i>			
(a) Species that the Washington Department of Fish and Wildlife will review for possible listing as state endangered, threatened, or sensitive (WDFW 2002).				

Area for the New Waste Processing Facility – Bur Ragweed

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
cliff swallow	<i>Hirundo pyrrhonota</i>			
coyote	<i>Canis latrans</i>			
Plants				
bastard toadflax	<i>Comandra umbellata</i>			
big sagebrush	<i>Artemisia tridentata</i>			
bigseed desertparsley	<i>Lomatium macrocarpum</i>			
blue wildrye	<i>Elymus glaucus</i>			
bottlebrush grass	<i>Sitanion hystrix</i>			
buckwheat milkvetch	<i>Astragalus caricinus</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>	10		
Carey's balsamroot	<i>Balsamorhiza careyana</i>			
cheatgrass	<i>Bromus tectorum</i>			
crested wheatgrass	<i>Agropyron cristatum</i>			
Douglas' clusterlily	<i>Brodiaea douglasii</i>			
fiddleneck	<i>Amsinckia lycopsoides</i>			
fourwing saltbush	<i>Atriplex canescens</i>			
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>			
hoary falsearrow	<i>Chaenactis douglasii</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>			
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
longleaf phlox	<i>Phlox longifolia</i>			
low lupine	<i>Lupinus pusillus</i>			
matted cryptantha	<i>Cryptantha circumscissa</i>			
needle-and-thread grass	<i>Stipa comata</i>			
prickly lettuce	<i>Lactuca serriola</i>			
Russian thistle	<i>Salsola kali</i>			
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
sand beardtongue	<i>Penstemon acuminatus</i>			
Sandberg's bluegrass	<i>Poa sandbergii</i>	+		
slender hawksbeard	<i>Crepis atrabarba</i>			
slender sixweeks	<i>Festuca octoflora</i>			
slimleaf goosefoot	<i>Chenopodium leptophyllum</i>			
stalked-pod milkvetch	<i>Astragalus sclerocarpus</i>			W
turpentine springparsley	<i>Cymopterus terebinthinus</i>			
Western tansymustard	<i>Descurainia pinnata</i>			
yarrow	<i>Achillea millefolium</i>			
yellow salsify	<i>Tragopogon dubius</i>			

W-5 Expansion Area – Sandberg’s Bluegrass/Cheatgrass/Indian Ricegrass/Russian Thistle

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
badger	<i>Taxidea taxus</i>			
coyote	<i>Canis latrans</i>			
Great Basin pocket mouse	<i>Perognathus parvus</i>			
horned lark	<i>Eremophila alpestris</i>			
mourning dove	<i>Zenaida macroura</i>			
mule deer	<i>Odocoileus hemionus</i>			
Western meadowlark	<i>Sturnella neglecta</i>			
Plants				
annual mountain dandelion	<i>Agoseris heterophylla</i>			
bastard toadflax	<i>Comandra umbellata</i>			
big sagebrush	<i>Artemisia tridentata</i>			
bigseed desertparsley	<i>Lomatium macrocarpum</i>			
bluebunch wheatgrass	<i>Agropyron spicatum</i>			
bottlebrush grass	<i>Sitanion hystrix</i>			
broom buckwheat	<i>Eriogonum vimineum</i>			
buckwheat milkvetch	<i>Astragalus carnicinus</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
Carey's balsamroot	<i>Balsamorhiza careyana</i>			
cheatgrass	<i>Bromus tectorum</i>	15		
crested wheatgrass	<i>Agropyron cristatum</i>			
crouching milkvetch	<i>Astragalus succumbens</i>			W
cutleaf ladysfoot mustard	<i>Thelypodium laciniatum</i>			
desert mat	<i>Tiquilia nuttallii</i>			
Douglas' clusterlily	<i>Brodiaea douglasii</i>			
false buckwheat	<i>Oxytheca dendroides</i>			
fiddleneck	<i>Amsinckia lycopsoides</i>			
flattop broomrape	<i>Orobanche corymbosa</i>			
flixweed	<i>Descurainia sophia</i>			
fourwing saltbush	<i>Artriplex canescens</i>			
gray rabbitbrush	<i>Chrysothamnus nauseosus</i>			
green rabbitbrush	<i>Chrysothamnus viscidiflorus</i>			
hoary aster	<i>Machaeranthera canescens</i>			
hoary falseyarrow	<i>Chaenactis douglasii</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>	10		
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
lamb's quarters	<i>Chenopodium album</i>			
longleaf phlox	<i>Phlox longifolia</i>			
low lupine	<i>Lupinus pusillus</i>			
matted cryptantha	<i>Cryptantha circumscissa</i>			

1 W-5 Expansion Area – Sandberg’s Bluegrass/Cheatgrass/Indian Ricegrass/Russian Thistle (contd)
 2

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Munro’s globemallow	<i>Sphaeralcea munroana</i>			
needle-and-thread grass	<i>Stipa comata</i>			
oat	<i>Avena sativa</i>			
pink microsteris	<i>Microsteris gracilis</i>			
prickly lettuce	<i>Lactuca serriola</i>			
purple mat	<i>Nama densum</i>			R1
Russian thistle	<i>Salsola kali</i>	10		
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
sand beardtongue	<i>Penstemon acuminatus</i>			
sand dropseed	<i>Sporobolus cryptandrus</i>			
Sandberg’s bluegrass	<i>Poa sandbergii</i>	20		
shy gilia	<i>Gilia sinuata</i>			
slender hawksbeard	<i>Crepis atrabarba</i>			
slender sixweeks	<i>Festuca octoflora</i>			
slimleaf goosefoot	<i>Chenopodium leptophyllum</i>			
squirreltail barley	<i>Hordeum jubatum</i>			
stalked-pod milkvetch	<i>Astragalus sclerocarpus</i>			W
sticky scorpionweed	<i>Phacelia glandulifera</i>			
stiff wirelettuce	<i>Stephanomeria paniculata</i>	+		
tall willowherb	<i>Epilobium paniculatum</i>			
thickspike wheatgrass	<i>Agropyron dasystachyum</i>			
threadleaf fleabane	<i>Erigeron filifolius</i>			
turpentine springparsley	<i>Cymopterus terebinthinus</i>	5		
Western tansymustard	<i>Descurainia pinnata</i>			
whitestem stickleaf	<i>Mentzelia albicaulis</i>			
yarrow	<i>Achillea millefolium</i>			
yellow bell	<i>Fritillaria pudica</i>			
yellow salsify	<i>Tragopogon dubius</i>			

CWC Expansion Area – Russian Thistle

Common Name	Scientific Name	Cover (%)	Federal Status	State Status
Animals				
coyote	<i>Canis latrans</i>			
Western meadowlark	<i>Sturnella neglecta</i>			
Plants				
bastard toadflax	<i>Comandra umbellata</i>			
big sagebrush	<i>Artemisia tridentata</i>			
bottlebrush grass	<i>Sitanion hystrix</i>			
bur ragweed	<i>Ambrosia acanthicarpa</i>			
Carey's balsamroot	<i>Balsamorhiza careyana</i>			
cheatgrass	<i>Bromus tectorum</i>	5		
common groundsel	<i>Senecio vulgaris</i>			
crested wheatgrass	<i>Agropyron cristatum</i>	1		
fiddleneck	<i>Amsinckia lycopsoides</i>			
flixweed	<i>Descurainia sophia</i>			
fourwing saltbush	<i>Atriplex canescens</i>			
hoary aster	<i>Machaeranthera canescens</i>			
Indian ricegrass	<i>Oryzopsis hymenoides</i>			
Jim Hill's tumblemustard	<i>Sisymbrium altissimum</i>			
longleaf phlox	<i>Phlox longifolia</i>			
needle-and-thread grass	<i>Stipa comata</i>			
prickly lettuce	<i>Lactuca serriola</i>			
purple mat	<i>Nama densum</i>			R1
Russian thistle	<i>Salsola kali</i>	20		
rye	<i>Secale cereale</i>			
sagebrush mariposa lily	<i>Calochortus macrocarpus</i>			
shy gilia	<i>Gilia sinuata</i>			
slender hawksbeard	<i>Crepis atrabarba</i>			
slender sixweeks	<i>Festuca octoflora</i>			
squirreltail barley	<i>Hordeum jubatum</i>			
stalked-pod milkvetch	<i>Astragalus sclerocarpus</i>			W
tall willowherb	<i>Epilobium paniculatum</i>			
thickspike wheatgrass	<i>Agropyron dasytachyum</i>			
threadleaf scorpionweed	<i>Phacelia linearis</i>			
turpentine springparsley	<i>Cymopterus terebinthinus</i>			
Western tansymustard	<i>Descurainia pinnata</i>			
wheat	<i>Triticum aestivum</i>			
whitestem stickleaf	<i>Mentzelia albicaulis</i>			
yarrow	<i>Achillea millefolium</i>			
yellow bell	<i>Fritillaria pudica</i>			
yellow salsify	<i>Tragopogon dubius</i>			